

LUBRICANT OIL COMPOSITION**Publication number:** JP2001279286**Publication date:** 2001-10-10**Inventor:** KOMATSUBARA HITOSHI**Applicant:** NIPPON MITSUBISHI OIL CORP**Classification:**

- International: C10M141/12; C10M125/24; C10M137/02; C10M137/04;
C10M137/10; C10M139/00; C10M141/10; C10M159/24;
C10M163/00; C10N10/04; C10N20/00; C10N30/04;
C10N30/06; C10N40/04; C10M125/00; C10M137/00;
C10M139/00; C10M141/00; C10M159/00; C10M163/00;
(IPC1-7): C10M141/12; C10M125/24; C10M137/02;
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- European: C10M141/10; C10M163/00

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US2001034305 (A1)

GB2362389 (A)

CN1250685C (C)

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PROBLEM TO BE SOLVED: To obtain a lubricant oil composition for transmission gears that has excellent increasing effect on both of dynamic and static friction coefficients, particularly of a wet clutch.

SOLUTION: The objective lubricant composition is obtained characteristically by formulating (A) \geq 0.035 mass % of a boron-containing, ash-free dispersant calculated as boron on the basis of the whole amount of the composition and (B) \geq 0.01 mass % of an alkaline earth metal sulfonate with the whole base value of 50-500 mg KOH/g calculated as an alkaline earth metal on the basis of whole amount of the composition, to a lubricant base oil.

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